

Control and Cybernetics

vol. **25** (1996)

Alphabetical list of contributors of volume 25 (1996)

AUTHOR, Title, Issue number, pages

- A. ALTMAN, Higher order primal-dual interior point method for separable convex quadratic optimization, 4, 761-772.
- P. AMODIO, M. PAPRZYCKI, On the parallel solution of almost block diagonal systems, 3, 645-656.
- J.M.M. ANDERSON, B.A. MAIR and M. RAO, Positron emission tomography: A review, 5, 1089-1111.
- S.R. ANTONY & C. KOULAMAS, Simulated annealing applied to the total tardiness problem, 1, 121-130.
- S. AVDONIN, M. BELISHEV, Boundary control and dynamical inverse problem for nonselfadjoint Sturm-Liouville operator (BC-method), 3, 429-440.
- N.V. BANICHUK, F.-J. BARTHOLD, A. FALK, E. STEIN, Finite element analysis with mesh refinement for shape optimization, 3, 657-664.
- A. BASTIAN, Sequential fuzzy system identification, 2, 199-223.
- P.C. BORGES & J.S. FERREIRA, Assortment problems with cutting policies, 1, 75-95.
- J. BROWN, P.C. HANSEN, J. WAŚNIEWSKI, Z. ZLATEV, Performance of air pollution models on massively parallel computers, 5, 1113-1130.
- P. CANNARSA, Dynamic programming equation for a class of nonlinear boundary control problems of parabolic type, 3, 483-495.
- W. CIECHANOWICZ, P. HOLNICKI, A. KALUSZKO, A. PARTYKA, Z. UHRYNOWSKI, A. ŻOCHOWSKI, Energy and environment – problems of sustainable development, 6, 1261-1271.
- C. CINQUINI & M. LOMBARDI, Anti-optimization technique to include uncertainties in structural optimization problems, 5, 1033-1050.
- P. CZYŻAK & A. JASZKIEWICZ, A multiobjective metaheuristic approach to the location of petrol stations by the capital budgeting model, 1, 177-187.
- V.A. DANYLENKO, V.A. VLADIMIROV, Qualitative and numerical study of the nonequilibrium high-rate processes in relaxing media, 3, 569-581.
- M.C. DELFOUR, J.-P. ZOLÉSIO, On the design and control of systems governed by differential equations on submanifolds, 3, 497-514.
- K. DEMS, Shape and material parameters sensitivity analysis in quasi-harmonic problems, 5, 969-999.

- M. DI IANNI, R. DIEKMANN, R. LÜLING, J. SCHULZE, S. TSCHÖKE, Simulated annealing and genetic algorithms for shape detection, 1, 159-175.
- W. DOBRZYŃSKI, A user interface prototype for fuzzy query definition, 2, 403-422.
- A. ELAYYAN, V. ISAKOV, On identification of a diffusion coefficient, 3, 441-450.
- G. DZEMYDA, Clustering of parameters on the basis of correlations via simulated annealing, 1, 55-74.
- M. FALCONE, R. ROSACE, Discrete-time approximation of optimal control problems for delayed equations, 3, 665-675.
- A. GARSTECKI and A. GLEMA, Pontriagin method versus nonlinear programming in applications to structural optimization, 5, 1051-1058.
- D. GĄTAREK, Some remarks on the market model of interest rates, 6, 1233-1244.
- J. GONDZIO, Another simplex-type method for large scale linear programming, 4, 739-760.
- PH. GUILLAUME and M. MASMOUDI, Sensitivity computation and automatic differentiation, 5, 831-865.
- A. HABBAL, Some basics in optimal control of domains, 5, 917-933.
- S.M. HART, The modeling and solution of a class of dial-a-ride problems using simulated annealing, 1, 131-157.
- A. HENROT, How to prove symmetry in Shape Optimization Problems?, 5, 1001-1013.
- W. HORN, J. SOKOŁOWSKI, J. SPREKELS, A control problem with state constraints for a phase-field model, 6, 1137-1153.
- O. HRYNIEWICZ, Optimal procedures of statistical process control, 6, 1217-1231.
- A. JOURANI, Subdifferentiability and subdifferential monotonicity, 4, 721-737.
- J. HINO, K. NANKI, T. YOSHIMURA, Semi-active dynamic absorber using fuzzy theory for a beam subjected to a moving load, 2, 283-298.
- K.-H. HOFFMANN, YONGZHONG HUO, On the vibration of an elastic plate embedded with fibers of shape memory alloys: modeling and numerical simulations, 3, 583-604.
- W. HOMENDA, Automatic recognition of printed music and its conversion into playable music data, 2, 253-367.
- L. INGBER, Adaptive simulated annealing (ASA): lessons learned, 1, 33-54.
- J. KACPRZYK, Multistage control under fuzziness using genetic algorithms, 6, 1181-1215.
- C. KANE and M. SCHOENAUER, Topological optimum design using genetic algorithms, 5, 1059-1087.
- S. KAWAJI, K. OGASAWARA & H. HONDA, Swing-up control of double pendulum using genetic algorithms, 2, 299-313.
- L. KAWECKI, T. NIEWIEROWICZ, Electric energy losses minimization in induction motor speed control taking into consideration the electromagnetic

- transients, 4, 789-800.
- A.Y. KHAPALOV, On unique continuation of solutions of the parabolic equation from a curve, 3, 451-463.
- A.M. KHLUDNEV, Contact problem for a plate having a crack of minimal opening, 3, 605-620.
- A.M. KHLUDNEV, On equilibrium problem for a plate having a crack under the creep condition, 5, 1015-1029.
- V. KOVTUNENKO, Analytical solution of a variational inequality for a cutted bar, 4, 801-808.
- L. KRUŚ, Multicriteria decision support in negotiations, 6, 1245-1260.
- P. KULCZYCKI, Time-optimal stabilization of a discontinuous and non-autonomous dynamic object, 4, 707-720.
- L. KUNCHEVA, Fuzzy aggregation of multiple classification decisions, 2, 337-352.
- S. LAHIRI, Representation of bargaining games as simple distribution problems, 4, 681-684.
- M. LAUMEN and E.W. SACHS, Concepts of Newton and quasi-Newton methods for optimal shape design problems, 5, 895-916.
- R.-P. LI, M. MUKAIDONO, Fuzzy modelling and clustering neural network, 2, 225-242.
- M. LIBURA, Optimality conditions and sensitivity analysis for combinatorial optimization problems, 6, 1165-1180.
- D.A. LAZAR, A fuzzy relaxation mechanism for relational dbms querying based on the ordered weighted averaging (OWA) operators, 2, 381-402.
- K. NAKAOKA, T. FURUHASHI, H. MAEDA, Y. UCHIKAWA, Finding control knowledge for multiple mobile robots using fuzzy classifier systems, 2, 315-333.
- A. MAKARENKO, Mathematical modeling of memory effects' influence on fast hydrodynamic and heat conduction processes, 3, 621-630.
- V. I. MAKSIMOV, Some dynamical inverse problems for hyperbolic systems, 3, 465-481.
- N.E. MASTORAKIS, An extension to the sampling theorem for lowpass bandlimited periodic time functions using n th-order derivatives, 4, 821-830.
- N.E. MASTORAKIS, Approximate multidimensional polynomial factorization into general $m - D$ polynomial factors, 4, 809-820.
- M. PIRLOT & R.V.V. VIDAL, Simulated annealing: a tutorial, 1, 9-31.
- J. RATYŃSKA, J. WOJUTYŃSKI, LISP application for modelling of user's utterance for computer system, 2, 369-379.
- H.F. RAVN, J.M. RYGAARD & B. WIBBELS, Power network design, 1, 97-120.
- J.R. ROCHE and J. SOKOŁOWSKI, Numerical methods for shape identification problems, 5, 867-894.
- B. ROUSSELET, Introduction to shape sensitivity: three-dimensional and surface systems, 5, 937-967.
- P. SALANI, Dispersion of a radioactive tracer in the blood flow, 4, 773-788.

- S. SHI, D.A. BELL, An approach to system control based on combination-update of belief, 2, 253-268.
- R.E. SHOWALTER, T.D. LITTLE, U. HORNUNG, Parabolic PDE with hysteresis, 3, 631-643.
- K. STYCZEŃ, Proper periodic and quasi-periodic control for semi-linear hyperbolic systems, 3, 515-527.
- M.I. SUMIN, Suboptimal control of systems with distributed parameters: minimizing sequences, value function, regularity, normality, 3, 529-552.
- R. TRIGGIANI, Regularity theory, exact controllability, and optimal quadratic cost problem for spherical shells with physical boundary controls, 3, 553-568.
- WAI MAN TSE, KWAN FAI CHEUNG, A best-fit based fuzzy forecasting algorithm: principle and formulation, 2, 243-252.
- R.V.V. VIDAL, Stochastic version of the economic lot size model, 4, 685-692.
- S.T. WIERZCHOŃ, Uncertain dynamical systems with fuzzy constraints, 4, 693-706.
- HUIYANG YANG, YOHSUKE KINOUCHI, NOBORU SUGIO, Anti-swing fuzzy control of overhead cranes referring a velocity pattern, 2, 269-282.
- A. ŻOCHOWSKI, Special methods for shape optimization problems, 6, 1155-1163.

